Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Navy

APPROPRIATION/BUDGET ACTIVITY

R-1 ITEM NOMENCLATURE

1319: Research, Development, Test & Evaluation, Navy

PE 0305232M: RQ-11 UAV

BA 7: Operational Systems Development

COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
Total Program Element	0.000	0.551	0.512	0.000	0.512	1.021	1.052	1.076	1.099	Continuing	Continuing
2272: Intel Command and Control (C2) Sys	0.000	0.551	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.551
2292: RQ-11 UAV	0.000	0.000	0.512	0.000	0.512	1.021	1.052	1.076	1.099	Continuing	Continuing

Note

In FY 2009 and prior, RQ-11 Unmanned Aerial Vehicle (UAV) was funded in PE 0206313M, C2273. Project will be funded in PE 0305232M C2292 for FY 2011 and out.

A. Mission Description and Budget Item Justification

(U) Intelligence Command and Control (C2) supports the employment of reconnaissance, surveillance, and target acquisition resources and the timely planning and processing of all-source intelligence. It ensures that all-source tactical intelligence is tailored to meet specific mission requirements. The systems below collect and convert raw intelligence data on the battlefield into processed information and deliver the processed products to the Intelligence Analysis Systems (IAS) for analysis and dissemination.

GROUP 1 (formerly known as TIER I UAS) - The Program Office is pursuing a rapid acquisition approach to quickly field new technology and capabilities to the warfighter. The strategy is to use evolutionary acquisition with two incremental developments to meet the final desired Small Unit Remote Scouting System (SURSS) requirements (Joint USMC/USA/SOCOM capabilities). The SURSS Block 0, Dragon Eye, was the first increment and is currently fielded to deployed units. For the Block 1 increment the USMC adopted the USSOCOM Rucksack Portable UAV (RPUAV) ORD, which meets the USMC's requirement and began migrating to the joint material solution, the Raven B.

Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Navy **DATE:** February 2010

APPROPRIATION/BUDGET ACTIVITY

R-1 ITEM NOMENCLATURE 1319: Research, Development, Test & Evaluation, Navy PE 0305232M: RQ-11 UAV

BA 7: Operational Systems Development

B. Program Change Summary (\$ in Millions)

	FY 2009	FY 2010	<u>FY 2011 Base</u>	<u>FY 2011 OCO</u>	<u>FY 2011 Total</u>
Previous President's Budget	0.000	0.553	0.000	0.000	0.000
Current President's Budget	0.000	0.551	0.512	0.000	0.512
Total Adjustments	0.000	-0.002	0.512	0.000	0.512
 Congressional General Reductions 		-0.002			
 Congressional Directed Reductions 		0.000			
 Congressional Rescissions 	0.000	0.000			
 Congressional Adds 		0.000			
 Congressional Directed Transfers 		0.000			
 Reprogrammings 	0.000	0.000			
 SBIR/STTR Transfer 	0.000	0.000			
Program Adjustments	0.000	0.000	0.512	0.000	0.512

Change Summary Explanation

Technical: Not applicable.

Schedule: Not applicable.

FY11 from previous President's Budget is shown as zero because no FY11-15 data was presented in President's Budget 2010.

DATE: February 2010

APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 7: Operational Systems Development				R-1 ITEM NOMENCLATURE PE 0305232M: RQ-11 UAV				PROJECT 2272: Intel Command and Control (C2) Sys			
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To	Total Cost

COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
2272: Intel Command and Control (C2) Sys	0.000	0.551	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.551
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

A. Mission Description and Budget Item Justification

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy

(U) Intelligence Command and Control (C2) supports the employment of reconnaissance, surveillance, and target acquisition resources and the timely planning and processing of all-source intelligence. It ensures that all-source tactical intelligence is tailored to meet specific mission requirements. The systems below collect and convert raw intelligence data on the battlefield into processed information and deliver the processed products to the Intelligence Analysis Systems (IAS) for analysis and dissemination.

GROUP 1 (formerly known as TIER I UAS) - The Program Office is pursuing a rapid acquisition approach to quickly field new technology and capabilities to the warfighter. The strategy is to use evolutionary acquisition with two incremental developments to meet the final desired Small Unit Remote Scouting System (SURSS) requirements (Joint USMC/USA/SOCOM capabilities). The SURSS Block 0, Dragon Eye, was the first increment and is currently fielded to deployed units. For the Block 1 increment the USMC adopted the USSOCOM Rucksack Portable UAV (RPUAV) ORD, which meets the USMC's requirement and began migrating to the joint material solution, the Raven B.

B. Accomplishments/Planned Program (\$ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Program Management Support	0.000	0.551	0.000	0.000	0.000
FY 2010 Plans: To fund Tactical Network Sensor Suite (TNS2) program. This initiative supports the experimentation, integration and product enhancement of the Marine Corps UAS program, communications hardware and C2 software.					
Accomplishments/Planned Programs Subtotals	0.000	0.551	0.000	0.000	0.000

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy **DATE:** February 2010

APPROPRIATION/BUDGET ACTIVITY

R-1 ITEM NOMENCLATURE PROJECT

PE 0305232M: RQ-11 UAV 1319: Research, Development, Test & Evaluation, Navy 2272: Intel Command and Control (C2) Sys

BA 7: Operational Systems Development

C. Other Program Funding Summary (\$ in Millions)

		-	FY 2011	FY 2011	FY 2011					Cost To	
<u>Line Item</u>	FY 2009	FY 2010	<u>Base</u>	OCO	<u>Total</u>	FY 2012	FY 2013	FY 2014	FY 2015	Complete	Total Cost
• PMC/4747: <i>Tier I UAS</i>	15.348	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	15.348
• PMC/4640: <i>Tier I UAS</i>	0.000	3.021	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.021
PMC/4757: Tier I UAS	0.000	41.492	6.189	0.000	6.189	5.445	4.529	4.787	4.576	0.000	67.018

D. Acquisition Strategy

The Program Office is pursuing a rapid acquisition approach to quickly field new technology and capabilities to the warfighter. The strategy is to use evolutionary acquisition with two incremental developments to meet the final desired Small Unit Remote Scouting System (SURSS) requirements (Joint USMC/USA/SOCOM capabilities).

E. Performance Metrics

Fielded joint material solution.

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy

APPROPRIATION/BUDGET ACTIVITY R-1 ITEM NOMENCLATURE PROJECT

1319: Research, Development, Test & Evaluation, Navy PE 0305232M: RQ-11 UAV 2292: RQ-11 UAV

BA 7: Operational Systems Development

COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost		
2292: RQ-11 UAV	0.000	0.000	0.512	0.000	0.512	1.021	1.052	1.076	1.099	Continuing	Continuing		
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0				

A. Mission Description and Budget Item Justification

Intelligence Command and Control (C2) supports the employment of reconnaissance, surveillance, and target acquisition resources and the timely planning and processing of all-source intelligence. It ensures that all-source tactical intelligence is tailored to meet specific mission requirements. The systems below collect and convert raw intelligence data on the battlefield into processed information and deliver the processed products to the Intelligence Analysis Systems (IAS) for analysis and dissemination.

GROUP 1 (formerly known as TIER I UAS) - The Program Office is pursuing a rapid acquisition approach to quickly field new technology and capabilities to the warfighter. The strategy is to use evolutionary acquisition with two incremental developments to meet the final desired Small Unit Remote Scouting System (SURSS) requirements (Joint USMC/USA/SOCOM capabilities). The SURSS Block 0, Dragon Eye, was the first increment and is currently fielded to deployed units. For the Block 1 increment the USMC adopted the USSOCOM Rucksack Portable UAV (RPUAV) ORD, which meets the USMC's requirement and began migrating to the joint material solution, the Raven B.

B. Accomplishments/Planned Program (\$ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Program Management Support	0.000	0.000	0.512	0.000	0.512
FY 2011 Base Plans: To fund Tactical Network Sensor Suite (TNS2) program. This initiative supports the experimentation, integration and product enhancement of the Marine Corps Unmanned Areial System (UAS) program, communications hardware and Command and Control (C2) software.					
Accomplishments/Planned Programs Subtotals	0.000	0.000	0.512	0.000	0.512

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy **DATE:** February 2010

APPROPRIATION/BUDGET ACTIVITY

PROJECT R-1 ITEM NOMENCLATURE PE 0305232M: RQ-11 UAV 2292: RQ-11 UAV 1319: Research, Development, Test & Evaluation, Navy

BA 7: Operational Systems Development

C. Other Program Funding Summary (\$ in Millions)

	• •	-	FY 2011	FY 2011	FY 2011					Cost To	
<u>Line Item</u>	FY 2009	FY 2010	<u>Base</u>	OCO	<u>Total</u>	FY 2012	FY 2013	FY 2014	FY 2015	Complete	Total Cost
 PMC/4747: Tier I UAS 	15.348	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	15.348
• PMC/4640: <i>Tier I UAS</i>	0.000	3.021	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.021
• PMC/4757: <i>Tier I UAS</i>	0.000	41.492	6.189	0.000	6.189	5.445	4.529	4.787	4.576	0.000	67.018

D. Acquisition Strategy

The Program Office is pursuing a rapid acquisition approach to quickly field new technology and capabilities to the warfighter. The strategy is to use evolutionary acquisition with two incremental developments to meet the final desired Small Unit Remote Scouting System (SURSS) requirements (Joint USMC/USA/SOCOM capabilities).

E. Performance Metrics

Fielded joint material solution.